

FIG. 1

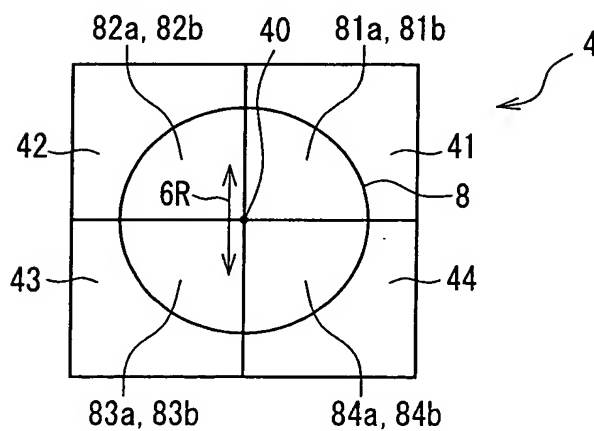
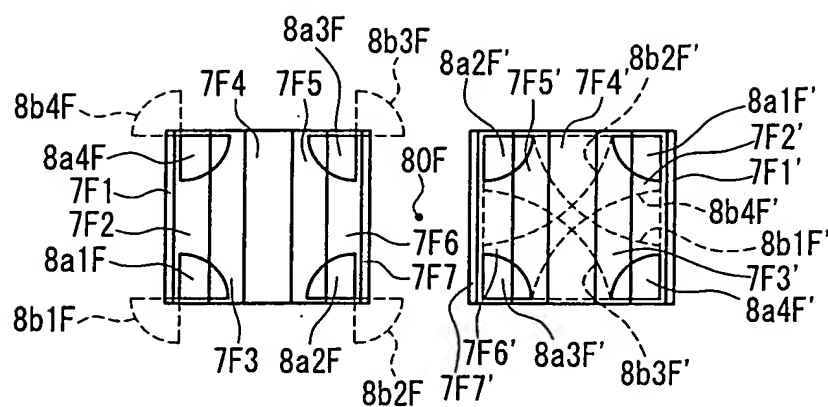
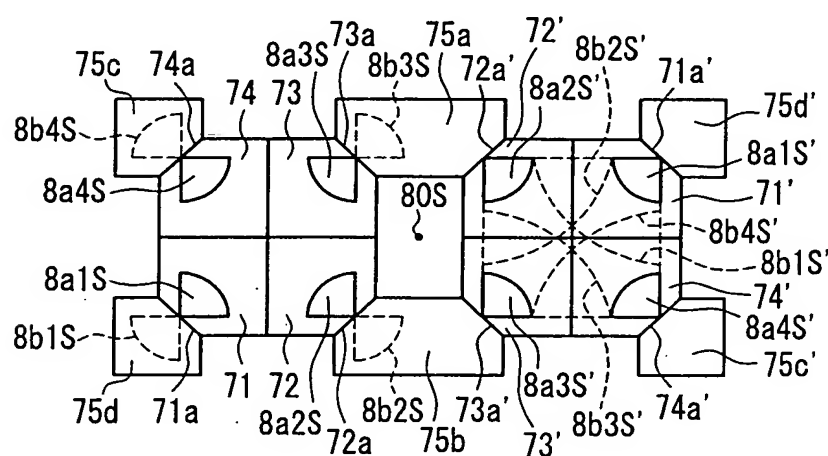


FIG. 2

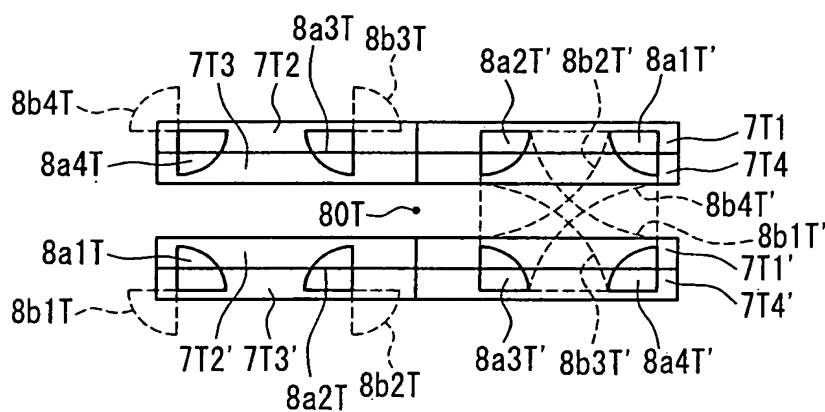
10/530585



Focus  
detecting part



Reproduction signal  
detecting part



Tracking  
detecting part

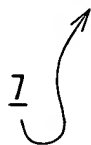


FIG. 3

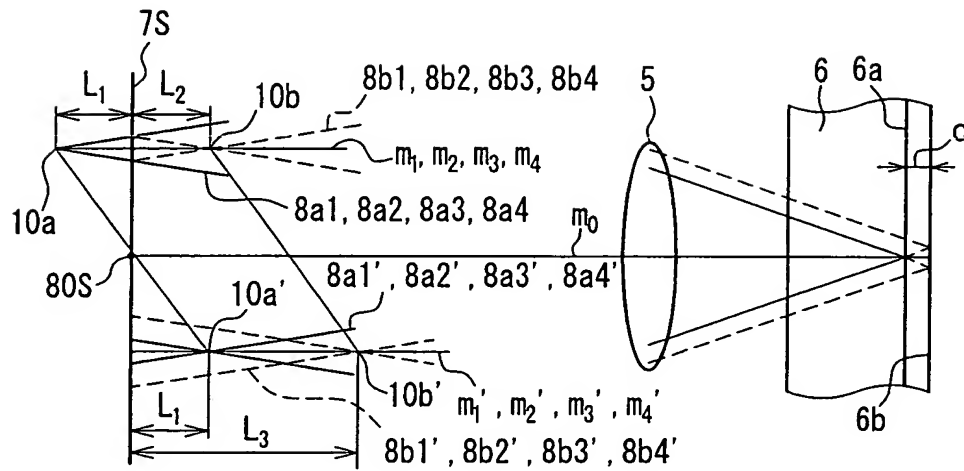


FIG. 4

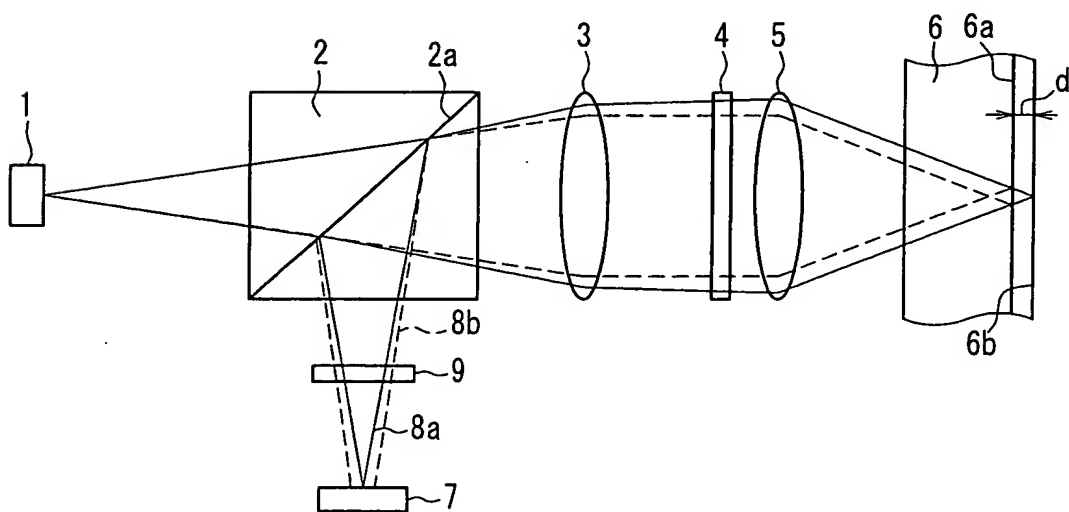


FIG. 5

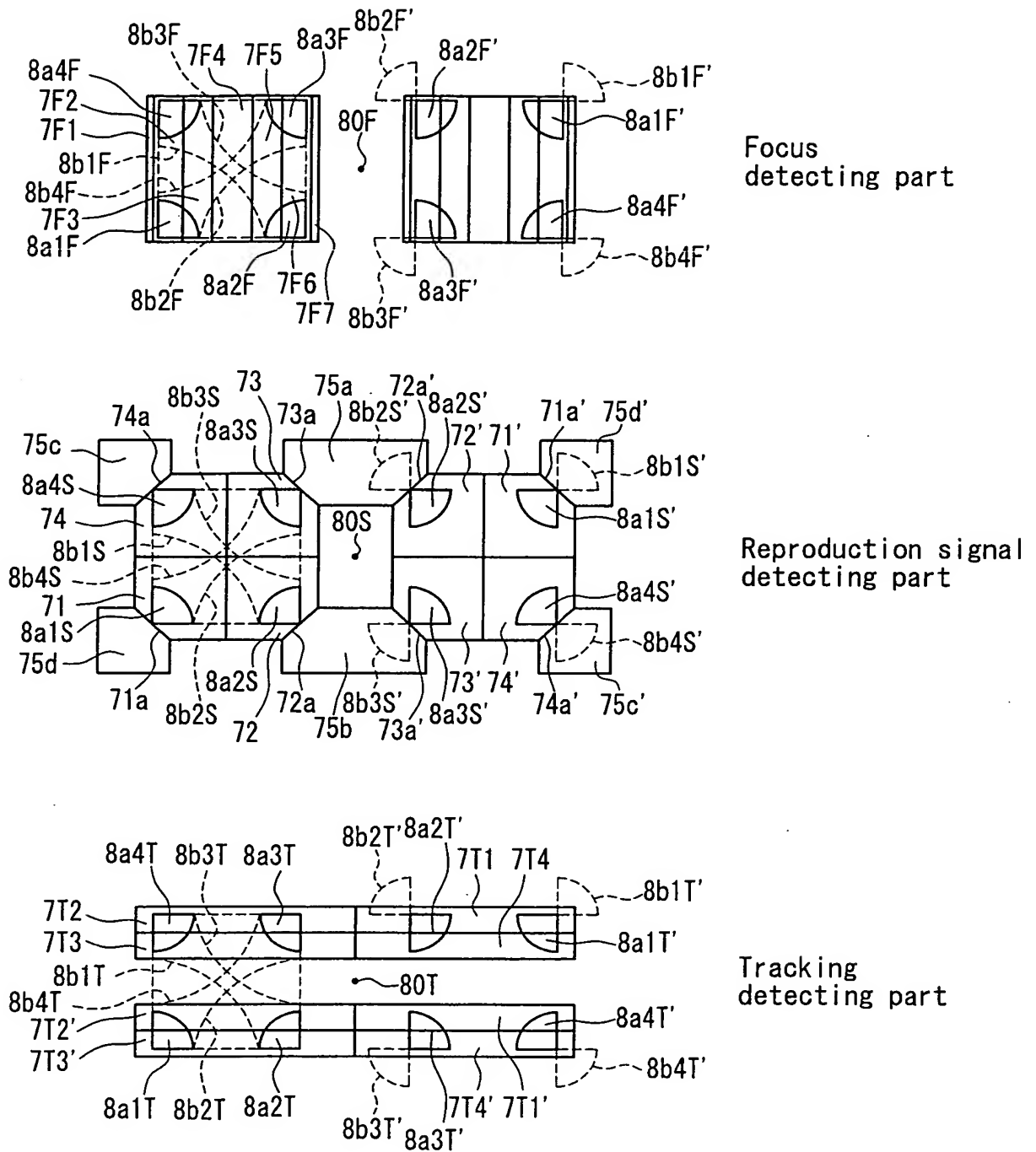


FIG. 6

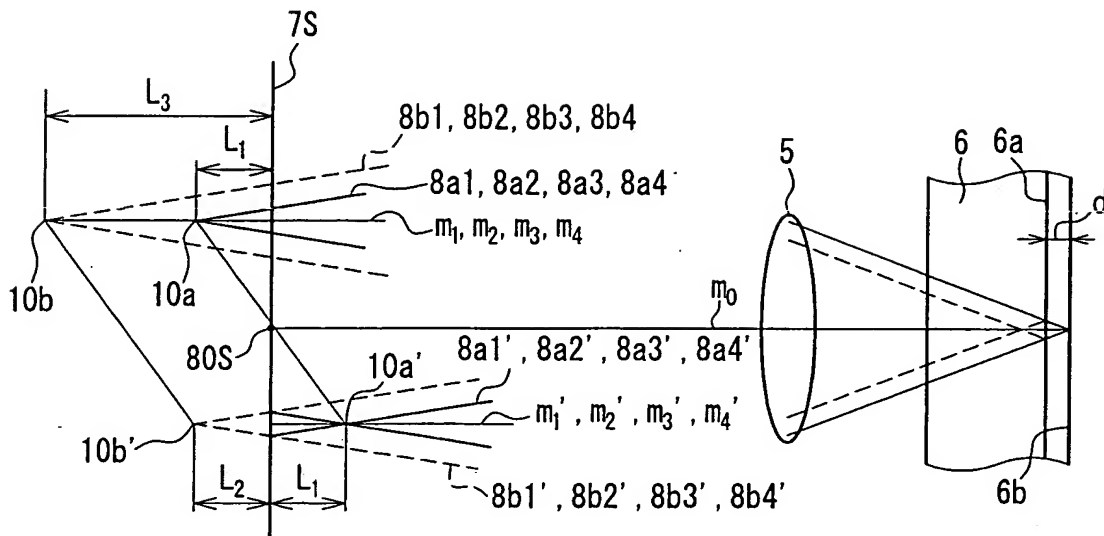


FIG. 7

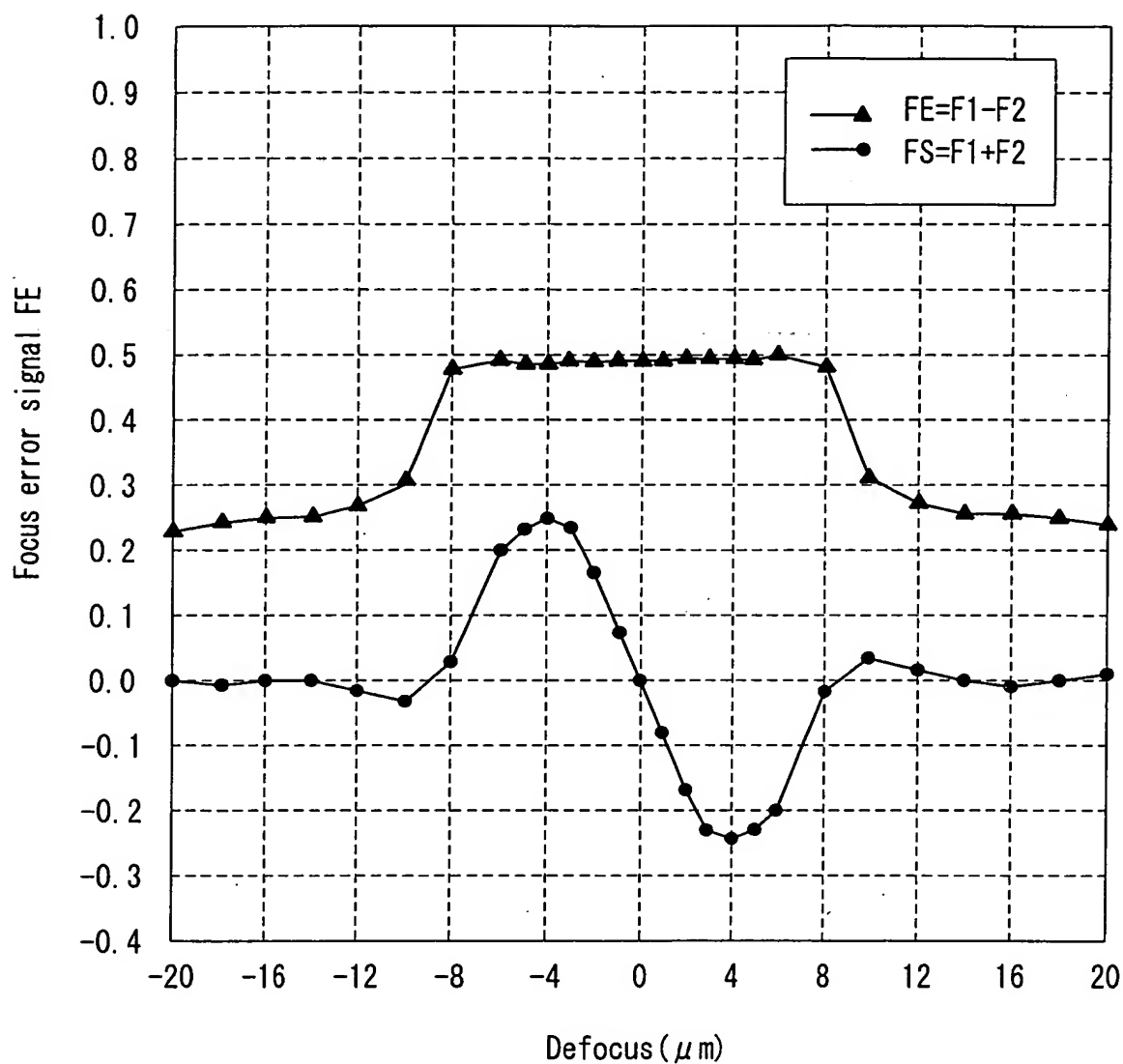


FIG. 8

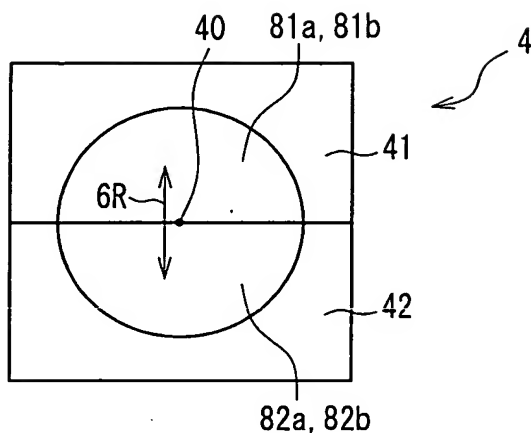


FIG. 9

FIG. 10A

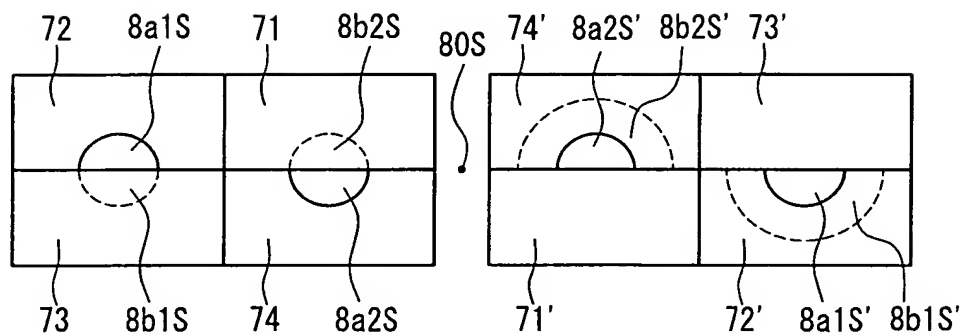
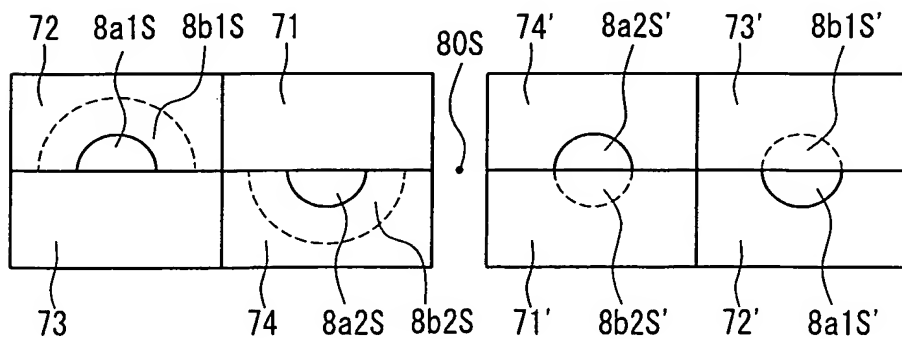


FIG. 10B



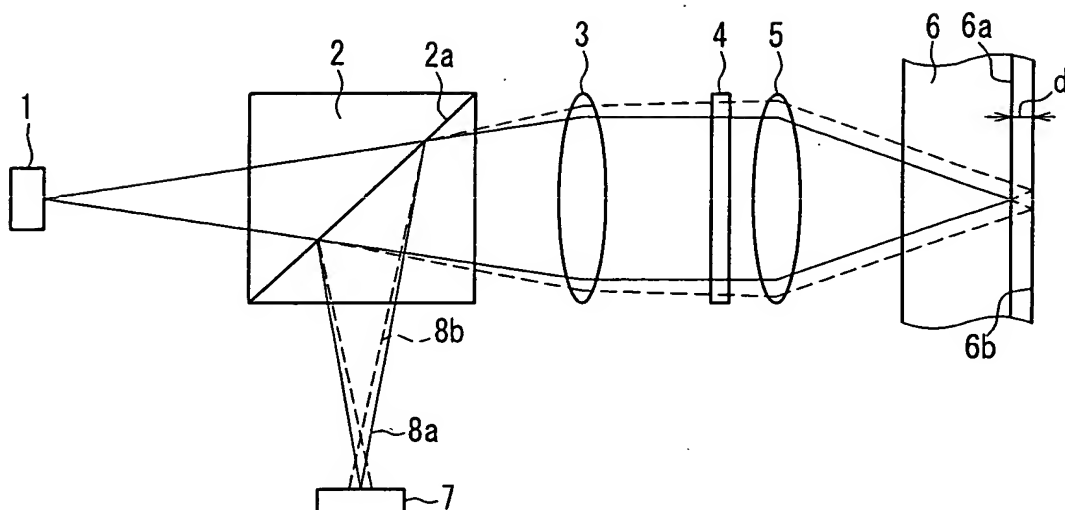


FIG. 11

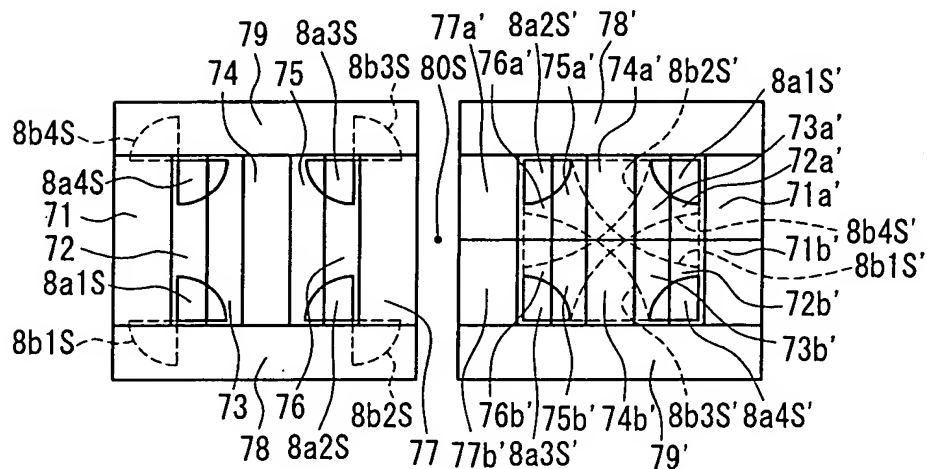


FIG. 12



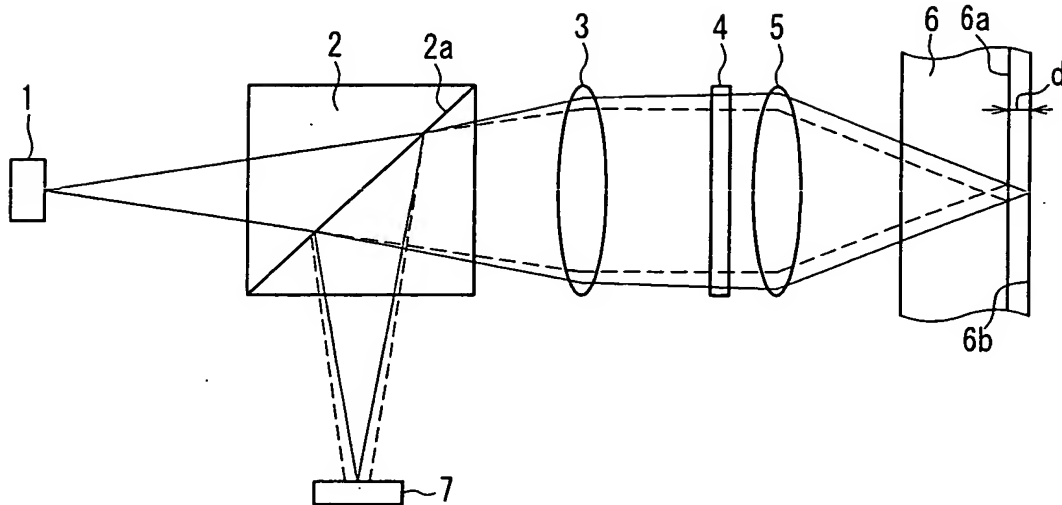


FIG. 13

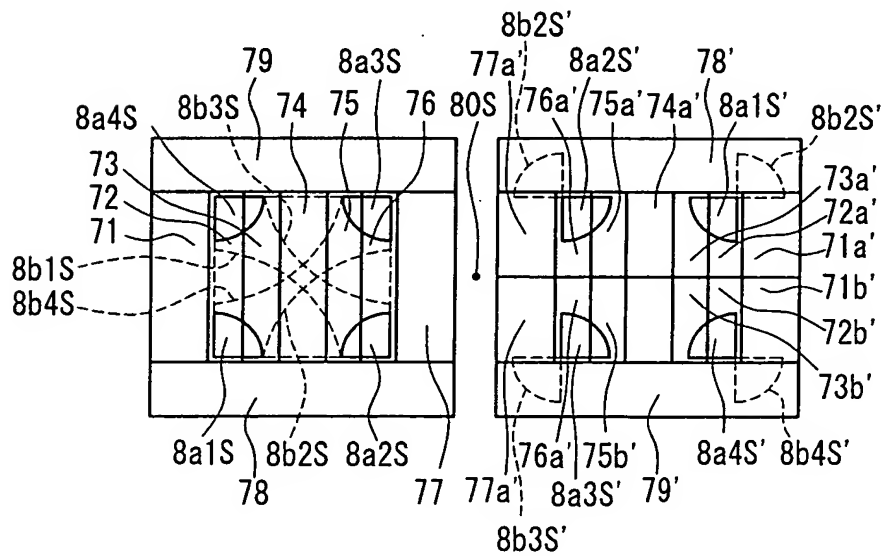


FIG. 14

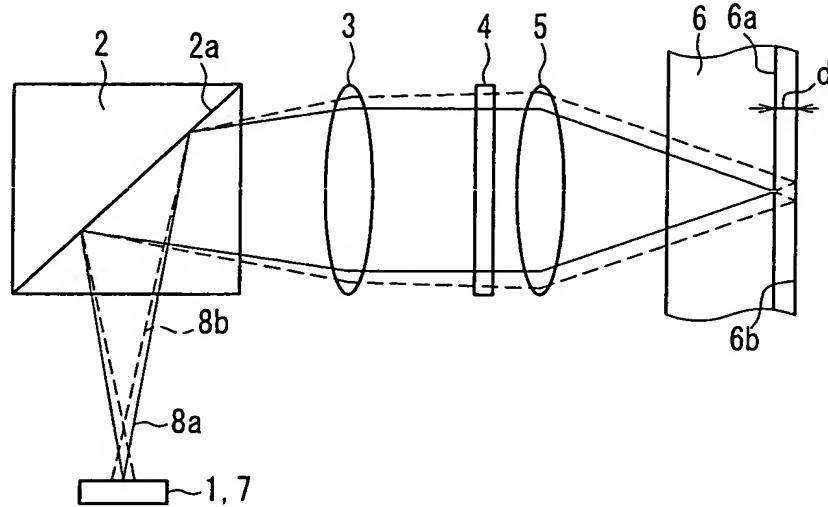


FIG. 15

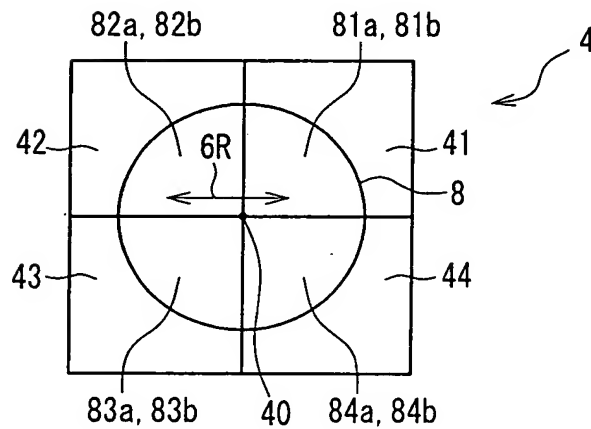


FIG. 16

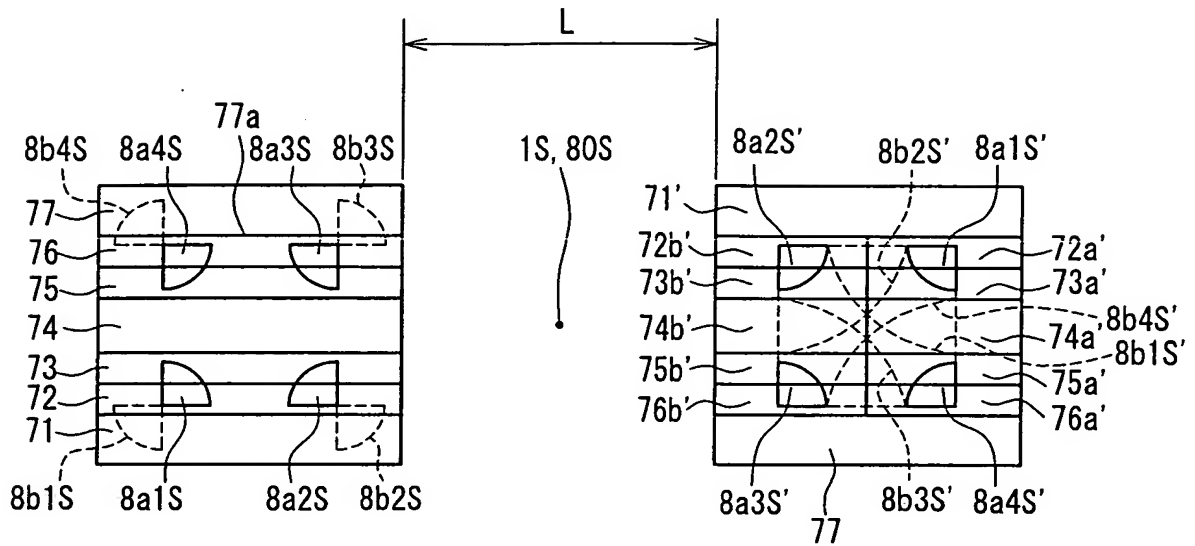


FIG. 17

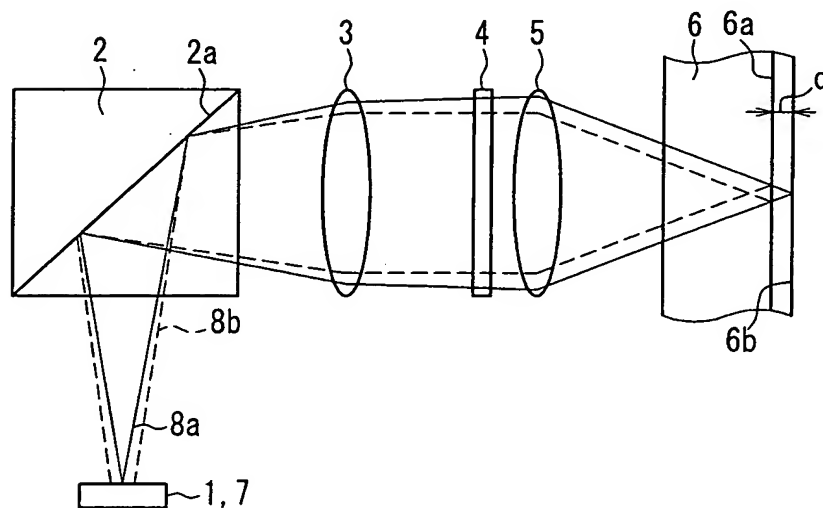


FIG. 18

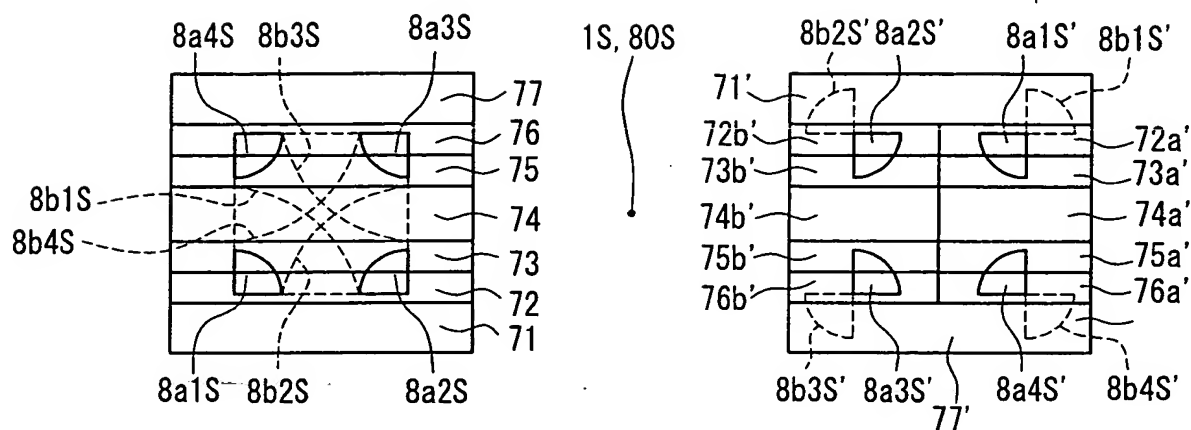


FIG. 19

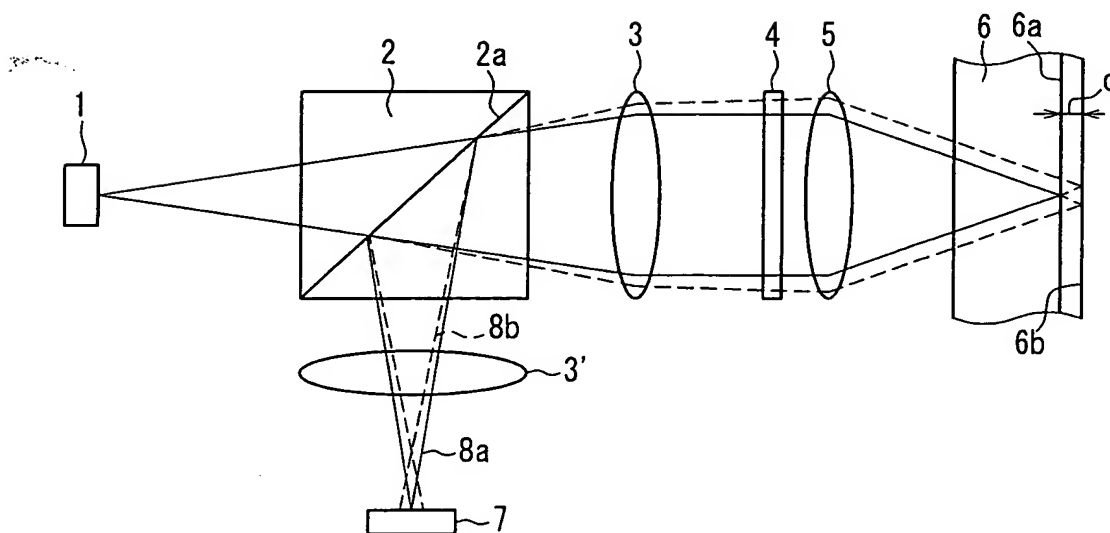


FIG. 20

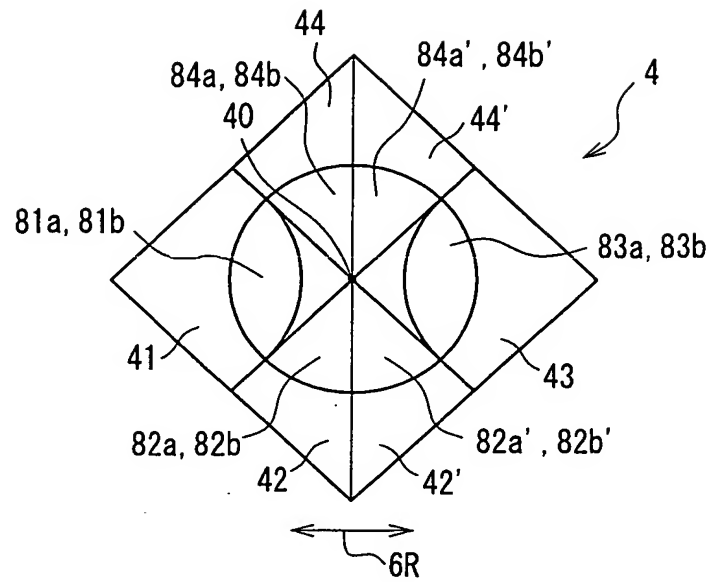


FIG. 21

FIG. 22A

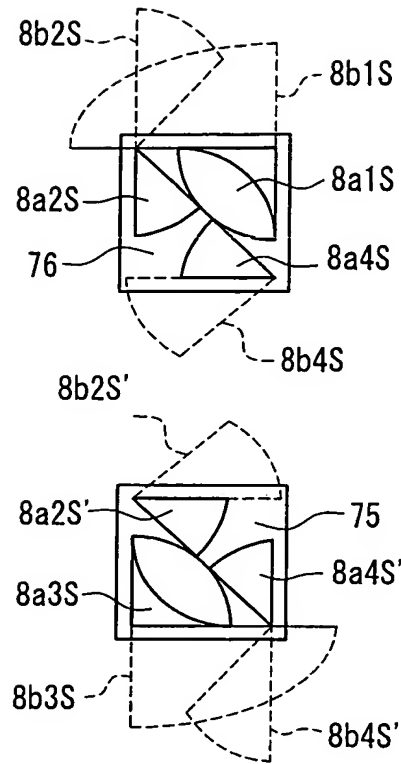
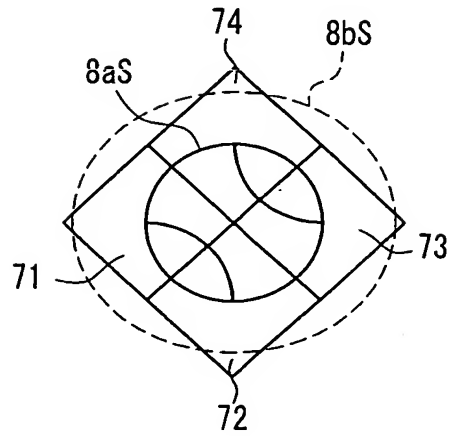
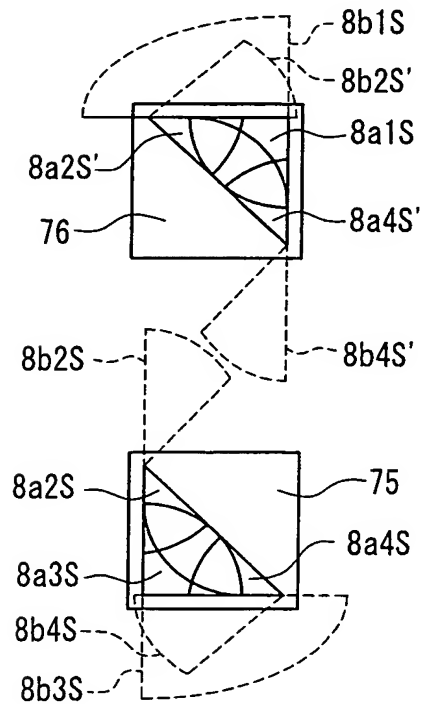
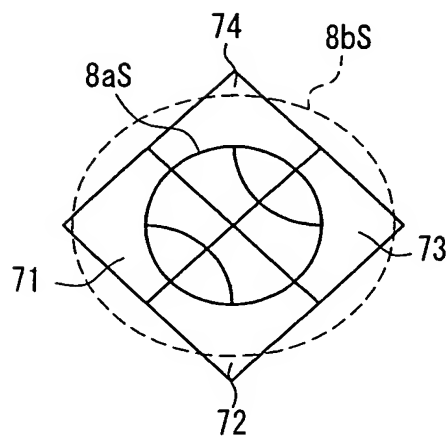


FIG. 22B



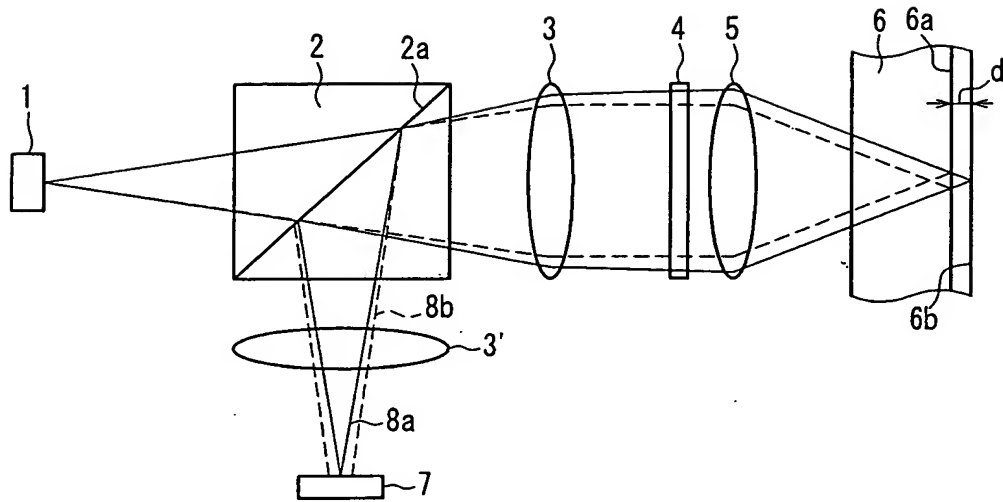


FIG. 23

FIG. 24A

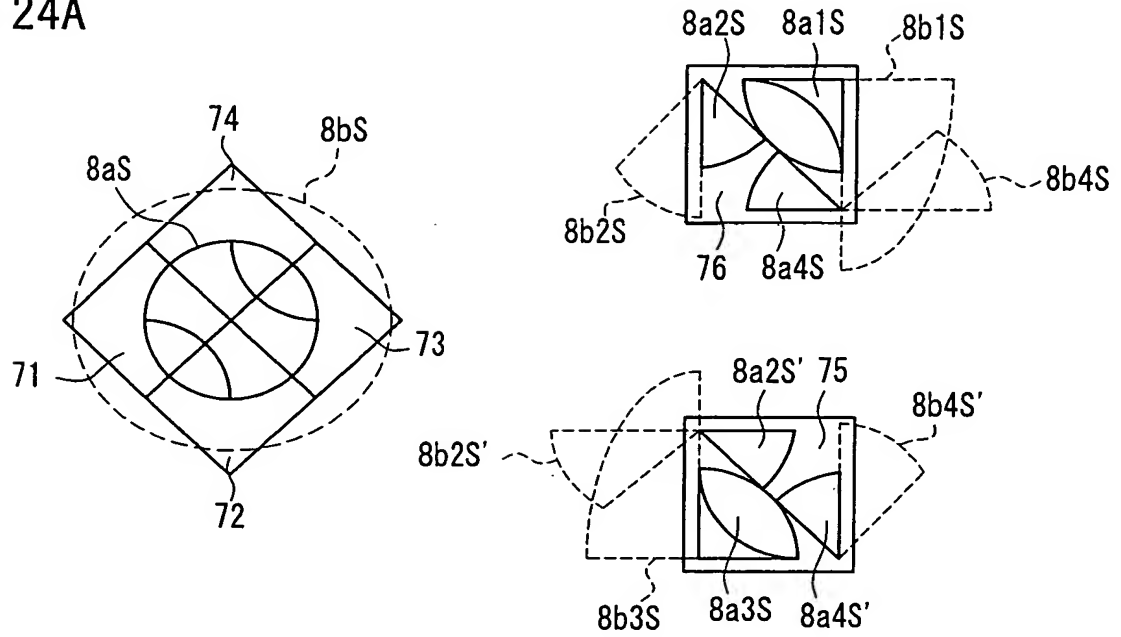


FIG. 24B

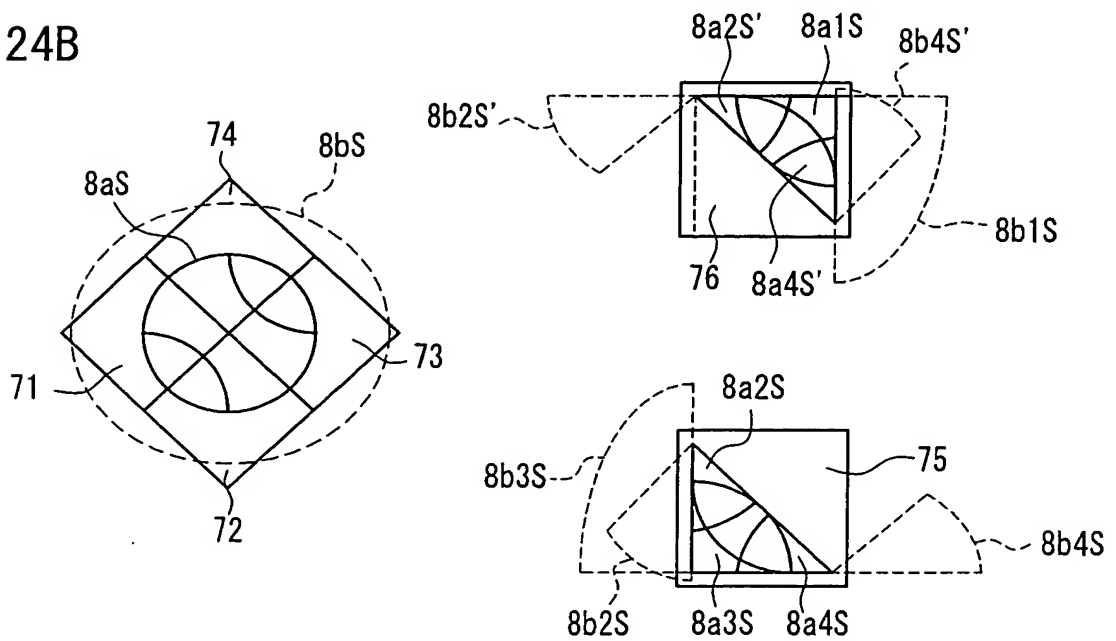




FIG. 25A

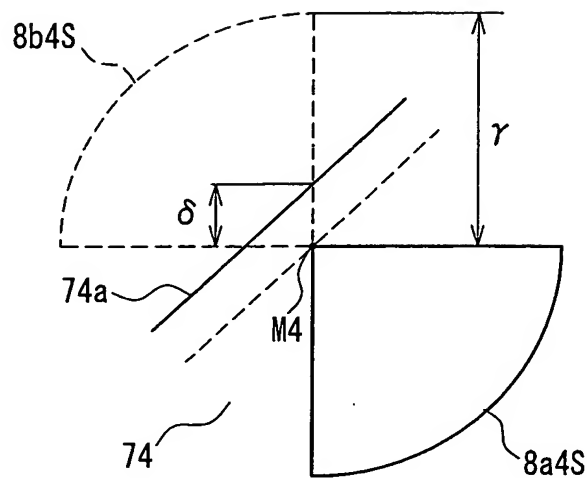
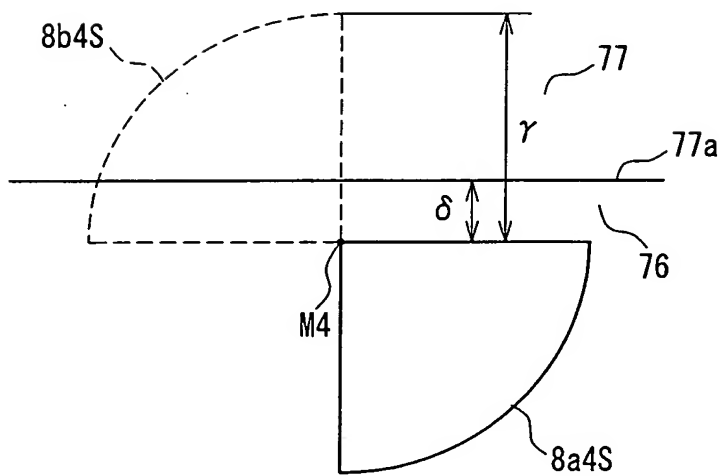


FIG. 25B



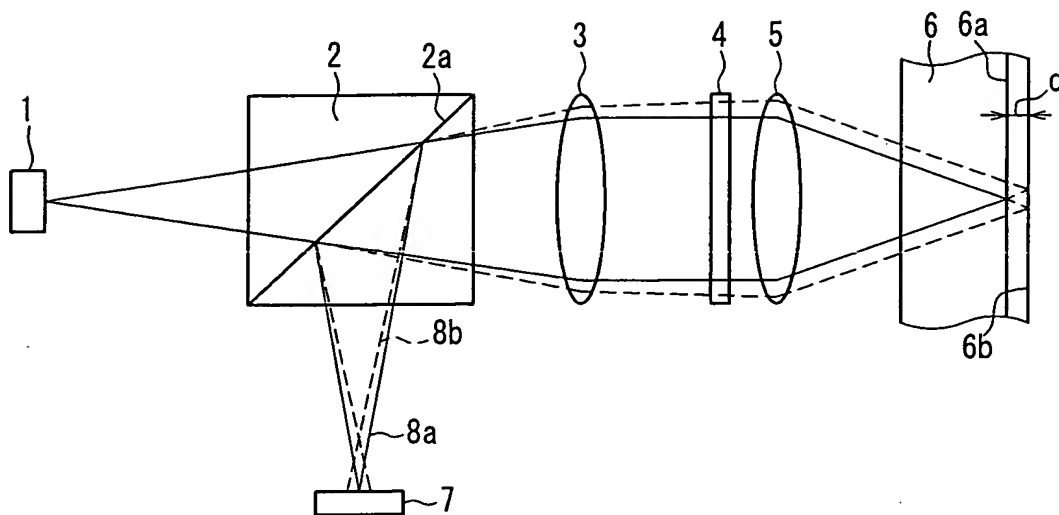


FIG. 26

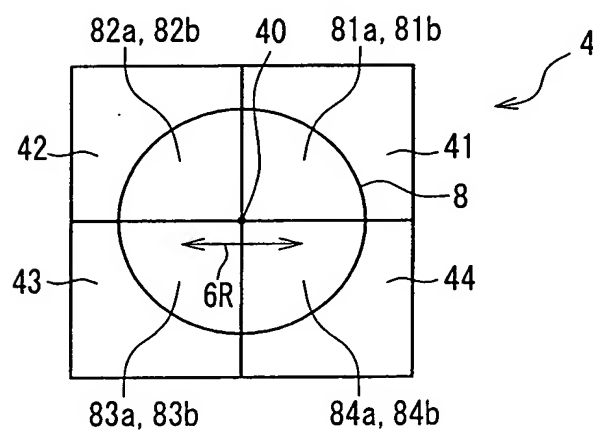


FIG. 27

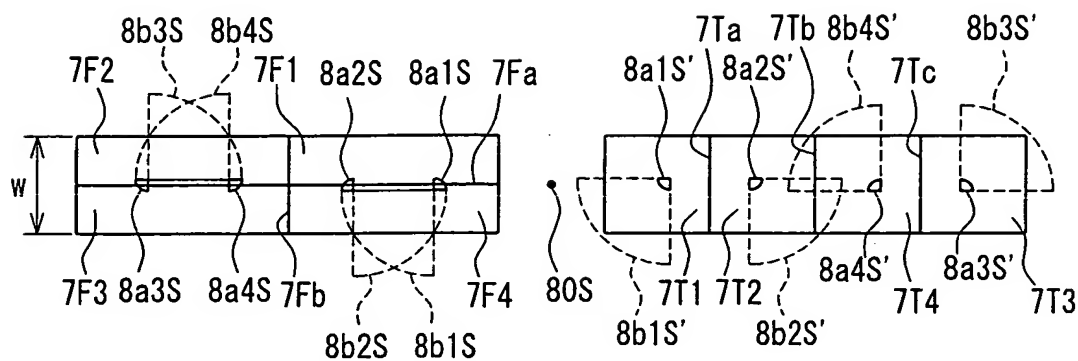


FIG. 28

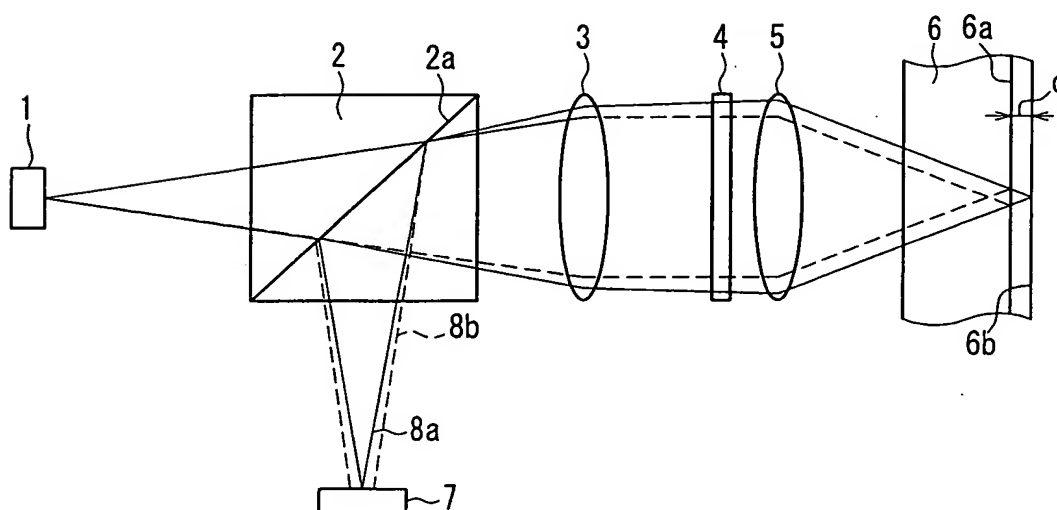


FIG. 29

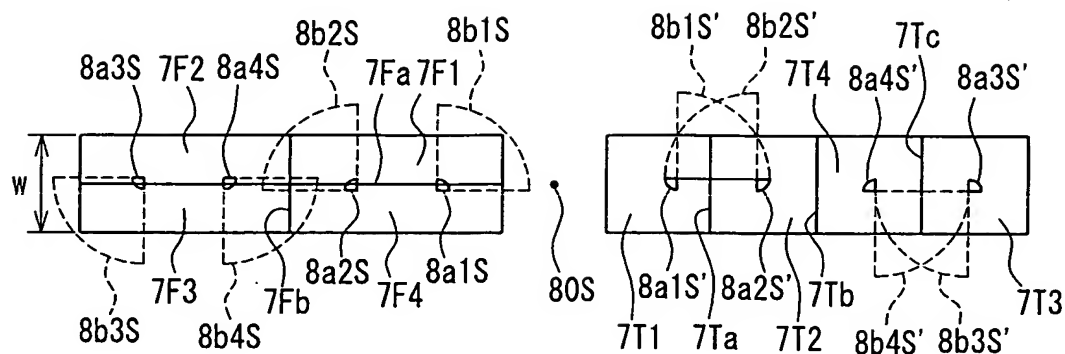


FIG. 30

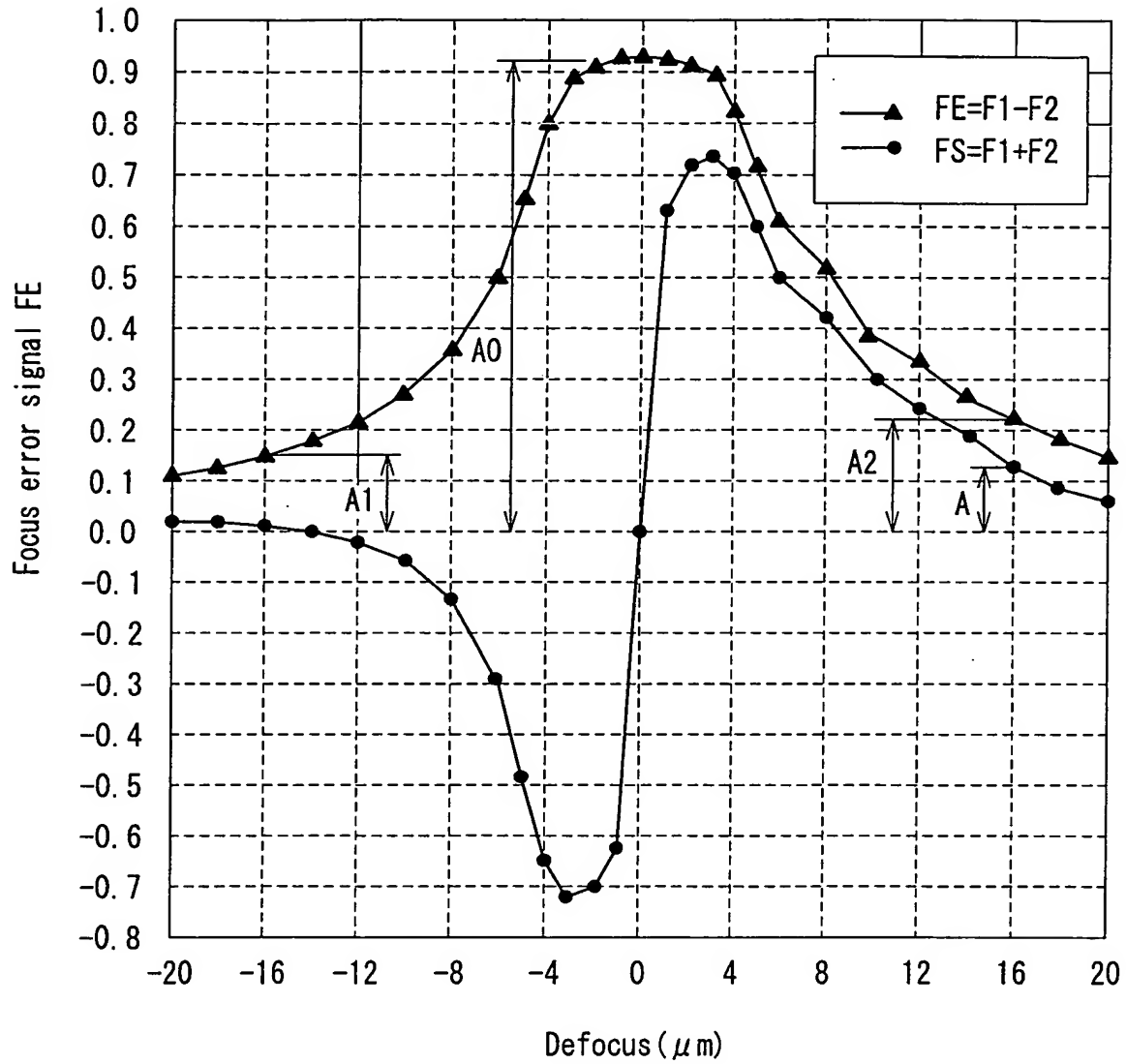


FIG. 31